



Safety Data Sheet

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LOCTITE 55 PIPE SEALING CORD known as PIPE SEALING
CORD 55 160M

SDS No. : 168432

V001.7

Date of issue: 18.09.2024

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE 55 PIPE SEALING CORD known as PIPE SEALING CORD 55 160M

Intended use: Adhesive

Supplier:

Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

**E-mail address of person
responsible for Safety Data
Sheet:** SDSinfo.Adhesive@henkel.com

**Emergency Telephone for
Chemical Accidents:** 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Not hazardous according to the criteria of Safe Work Australia.

No classification required.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Section 3. Composition / information on ingredients

General chemical description: Mixture
Type of preparation: Coated Nylon Thread

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Limestone	1317-65-3	30- < 60 %
Talc	14807-96-6	< 10 %
non hazardous ingredients~		30- <= 60 %

Section 4. First aid measures

Ingestion: In case of adverse health effects seek medical advice.

Skin: Rinse with running water and soap.

Eyes: None expected.

Inhalation: No specific treatment is necessary since material is not likely to be hazardous by inhalation.

First Aid facilities: Normal washroom facilities

Medical attention and special treatment: Treat symptomatically and supportively.

Section 5. Fire fighting measures

Suitable extinguishing media: water, carbon dioxide, foam, powder

Improper extinguishing media: None known

Decomposition products in case of fire: carbon oxides.

Particular danger in case of fire: None

Special protective equipment for fire-fighters: Keep unnecessary personnel away.
Wear self-contained breathing apparatus.

Section 6. Accidental release measures

Personal precautions: See advice in section 8

Environmental precautions: No special environmental precautions required.

Clean-up methods: Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Precautions for safe handling: No particular measures required.

Conditions for safe storage: Store in a cool, dry place.
Keep container tightly sealed.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
Nuisance dusts, inhalable dust 1317-65-3	Inhalable dust.		10				

TALC, (CONTAINING NO ASBESTOS FIBRES) 14807-96-6			2.5				
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- Engineering controls:** Ensure good ventilation/extraction.
- Eye protection:** None required in normal use.
- Skin protection:** Suitable protective gloves.
- Respiratory protection:** Ensure adequate ventilation.

Section 9. Physical and chemical properties

- Appearance:** opaque
solid
- Odor:** Mineral-oil-like
- pH:** Not applicable, Product is non-polar/aprotic.
- Melting point / freezing point:** Not applicable, Determination technically not possible
- Specific gravity:** 1.25
- Boiling point:** > 150 °C (> 302 °F)
- Flash point:** > 93 °C (> 199.4 °F)
(Closed cup)
- Vapor pressure:** < 0.13 mbar
(; 20 °C (68 °F))
- Vapor density:** Not applicable, Product is a solid.
- Solubility in water:** Partially soluble (20 °C)
- Viscosity (dynamic):** 11,000 cp(; 120 °C (248 °F))
- VOC content (2010/75/EC)** 0.0 % (VOCV 814.018 VOC regulation CH)
- VOC content:** 1 % 12.75 g/l

Section 10. Stability and reactivity

- Stability:** Stable under recommended storage conditions.
- Conditions to avoid:** Stable
- Incompatible materials:** Oxidizing agents.
Heat, sunlight, UV light, contamination or an oxygen free atmosphere.
- Hazardous decomposition products:** carbon oxides.
- Hazardous polymerization:** Will not occur.

Section 11. Toxicological information

Health Effects:

Ingestion: Not expected to be harmful by ingestion.
Skin: May cause skin irritation.
Eyes: May cause irritation.
Inhalation: Not expected under normal conditions of use.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Limestone 1317-65-3	LD50 LC50 LD50	> 2,000 mg/kg > 3 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rat	OECD Guideline 420 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
Talc 14807-96-6	LD50 LC50 LD50	> 5,000 mg/kg > 2.1 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rat	OECD Guideline 423 (Acute Oral toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Limestone 1317-65-3	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Talc 14807-96-6	slightly irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Limestone 1317-65-3	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Talc 14807-96-6	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Limestone 1317-65-3	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Talc 14807-96-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Limestone 1317-65-3	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Talc 14807-96-6	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian cell transformation assay	with and without without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Talc 14807-96-6	negative	oral: gavage		rat	equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Limestone 1317-65-3	NOAEL=1,000 mg/kg	oral: gavage	48 ddaily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Talc 14807-96-6	NOAEL=100 mg/kg	oral: feed	101 d7 d/w	rat	equivalent or similar to OECD Guideline 452 (Chronic Toxicity Studies)

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Limestone 1317-65-3	LC50	Toxicity > Water solubility	Fish	96 h	Oncorhynchus mykiss	not specified
Limestone 1317-65-3	EC50	Toxicity > Water solubility	Daphnia	48 h	Daphnia magna	not specified
Limestone 1317-65-3	EC50	Toxicity > Water solubility	Algae	72 h	Desmodesmus subspicatus	not specified
Limestone 1317-65-3	EC50	Toxicity > Water solubility > 1,000 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Talc 14807-96-6	LC50	Toxicity > Water solubility	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Talc 14807-96-6	-9.4				25 °C	QSAR (Quantitative Structure Activity Relationship)

Section 13. Disposal considerations

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

Section 15. Regulatory information

SUSMP Poisons Schedule	None
AIC:	All components are listed or are exempt from listing on the Australian Inventory of Industrial Chemicals or Introduced under AICIS.

Section 16. Other information

Abbreviations/acronyms:	ADGC - Australian Dangerous Goods Code IMDG: International Maritime Dangerous Goods code IATA-DGR: International Air Transport Association – Dangerous Goods Regulations AIC - Australian Inventory of Industrial Chemicals (AIC) AICIS - Australian Industrial Chemicals Introduction Scheme
Reason for issue:	Reviewed MSDS. Reissued with new date. involved chapters: 1-16
Date of previous issue:	08.03.2024
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